

**Clinic Surveillance of  
Sexually Transmitted Infections  
in New Zealand**

**April to June 2009**

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by

STI Surveillance Team  
Population and Environmental Health Group  
Institute of Environmental Science & Research Ltd.

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**This report is also available at [www.surv.esr.cri.nz](http://www.surv.esr.cri.nz)  
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## Introduction

In New Zealand, sexually transmitted infections (STIs) are not notifiable and so surveillance efforts are based predominantly on voluntary data from specialist sexual health clinics (SHCs). Since 1998, STI surveillance has been expanded to include data from family planning clinics (FPCs) and student and youth health clinics (SYHCs). At present 27 SHCs, 36 FPCs and 17 SYHCs participate. In addition to clinic surveillance, laboratory surveillance of gonorrhoea began in the Auckland, Waikato and Bay of Plenty (BOP) regions in 1998. Laboratory surveillance of chlamydia began in the Waikato and BOP regions in 1998 and in the Auckland region in 2001. Since June 2004, efforts have been made to extend STI surveillance to additional laboratories across New Zealand.

Quarterly reports of laboratory-based surveillance are produced separately and are available at [www.surv.esr.cri.nz](http://www.surv.esr.cri.nz).

*All results and analyses are based on data submitted prior to the 10<sup>th</sup> September 2009. Any data submitted after this date is not included in this report due to time constraints. All results should be regarded as provisional.*

## Methods

Clinics record anonymous data on the age, sex and ethnicity of all cases meeting one or more of the STI surveillance case definitions (see Appendix). Each month clinics send the demographic data of cases and the total number of clinic visits either directly to ESR or via a regional co-ordinator.

### *Clinic Visit Rates*

Quarterly clinic-specific disease rates were calculated by dividing the total number of confirmed reported STI cases by the total number of clinic visits made for any reason. This denominator includes all new and follow-up visits made by clinic attendees, whether for sexual or other health reasons. For specialised youth centres (one-stop shops), the denominator does not include non-clinical visits such as career advice and counselling.

The reader should note the following:

- Clinic data cannot be used to calculate population rates.
- STI rates at the different clinical settings are not directly comparable, due to a wide variation in the range of services they provide.
- In contrast to reports published prior to 2004 clinic visit rates are not annualised.
- In contrast to reports published prior to 2007 only confirmed cases are included in case numbers and clinic visit rates.

### *Data completeness*

#### SHCs

Twenty-seven SHCs participate in STI surveillance. Of these, 26 clinics provided STI data by the date required for all three months in the second quarter (April to June) 2009.

#### FPCs

Thirty-six FPCs participate in STI surveillance. Of these, 36 clinics provided STI data by the date required for all three months in the second quarter (April to June) 2009. FPCs include some outreach clinics based in schools or tertiary institutions, which may have been closed during school holidays.

#### SYHCs

Seventeen SYHCs participate in STI surveillance. Of these, 16 clinics provided STI data by the date required for all three months in the second quarter (April to June) 2009. It should be noted that some SYHCs based in schools or tertiary institutions may be closed during holiday periods.

## Overview

### *Sexual Health Clinics (SHCs)*

During the current quarter, SHCs reported 21 644 visits. A total of 1 190 cases of chlamydia, 224 cases of gonorrhoea, 237 cases of genital herpes, 874 cases of genital warts, 30 cases of syphilis and 165 cases of NSU in males were reported. STI rates and comparisons with the equivalent quarter in 2008 are shown in Table 1.

### *Family Planning Clinics (FPCs)*

During the current quarter, FPCs reported 47 527 visits. A total of 898 cases of chlamydia, 47 cases of gonorrhoea, 53 cases of genital herpes, 129 cases of genital warts and one case of NSU were reported. There were no cases of syphilis reported in this quarter. STI rates and comparisons with the equivalent quarter in 2008 are shown in Table 1.

### *Student & Youth Health Clinics (SYHCs)*

During the current quarter, SYHCs reported 74 637 visits. A total of 270 cases of chlamydia, 25 cases of gonorrhoea, 29 cases of genital herpes, 67 cases of genital warts, one case of syphilis and 6 case of NSU in males were reported. STI rates and comparisons with the equivalent quarter in 2008 are shown in Table 1.

Please note that for some diseases because of the large denominator and small number of cases, rates and changes in rates may not be reflected in Table 1. Denominator data is given in Table 1.1.

Table 1. Cases and clinic visit rate of STIs reported by SHCs, FPCs and SYHCs in April to June 2009, compared to the equivalent quarter of 2008.

| Clinical setting | STI              | January to March 2008 |                                    | January to March 2009 |                                    | Clinic Visit Rate <sup>1</sup> change <sup>2</sup> between quarters |
|------------------|------------------|-----------------------|------------------------------------|-----------------------|------------------------------------|---|
|                  |                  | Number of Cases       | Clinic Visit Rate <sup>1</sup> (%) | Number of Cases       | Clinic Visit Rate <sup>1</sup> (%) |   |
| SHCs             | Chlamydia        | 1 315                 | 6.3                                | 1 190                 | 5.5                                | ▼   |
|                  | Gonorrhoea       | 247                   | 1.2                                | 224                   | 1.0                                | ▼   |
|                  | Genital herpes   | 209                   | 1.0                                | 237                   | 1.1                                | ▲   |
|                  | Genital warts    | 1 003                 | 4.8                                | 874                   | 4.0                                | ▼   |
|                  | Syphilis         | 18                    | 0.1                                | 30                    | 0.1                                | —   |
|                  | NSU (Males Only) | 191                   | 2.2                                | 165                   | 1.8                                | ▼   |
| FPCs             | Chlamydia        | 892                   | 2.0                                | 898                   | 1.9                                | ▼   |
|                  | Gonorrhoea       | 54                    | 0.1                                | 47                    | 0.1                                | —   |
|                  | Genital herpes   | 31                    | 0.1                                | 53                    | 0.1                                | —   |
|                  | Genital warts    | 133                   | 0.3                                | 129                   | 0.3                                | —   |
|                  | Syphilis         | 0                     | 0.0                                | 0                     | 0.0                                | —   |
|                  | NSU (Males Only) | 2                     | 0.1                                | 1                     | 0.0                                | ▼   |
| SYHCs            | Chlamydia        | 289                   | 0.4                                | 270                   | 0.4                                | —   |
|                  | Gonorrhoea       | 11                    | 0.0                                | 25                    | 0.0                                | —   |
|                  | Genital herpes   | 21                    | 0.0                                | 29                    | 0.0                                | —   |
|                  | Genital warts    | 83                    | 0.1                                | 67                    | 0.1                                | —   |
|                  | Syphilis         | 0                     | 0.0                                | 1                     | 0.0                                | —   |
|                  | NSU (Males Only) | 3                     | 0.0                                | 6                     | 0.0                                | —   |

<sup>1</sup> Clinic Visit Rate = (no. of cases/total no. of clinic visits) x 100.

<sup>2</sup> —, no change in rate; ▲, rate increase; ▼, rate decrease. Comparison of crude rates not tested for significance.

## All Clinic Data

**Table 1.1: Summary – Cases and Clinic Visit Rates by Disease and Clinic Type**

Quarter 2, 2009

| <u>Clinic Type, by area</u>    |                   | <u>Total Clinic Visits<sup>1</sup></u> | <u>Chlamydia</u> | <u>Gonorrhoea</u> | <u>Genital Herpes<sup>2</sup></u> | <u>Genital Warts<sup>2</sup></u> | <u>Syphilis<sup>3</sup></u> |
|--------------------------------|-------------------|--|------------------|-------------------|-----------------------------------|----------------------------------|-----------------------------|
| <b>North</b>                   |                   |  |                  |                   |                                   |                                  |                             |
| Sexual Health Clinics          | No.               | 6,546                                  | 379              | 59                | 60                                | 274                              | 8                           |
|                                | Rate <sup>3</sup> |  | 5.8%             | 0.9%              | 0.9%                              | 4.2%                             | 0.1%                        |
| Family Planning Clinics        | No.               | 18,232                                 | 345              | 18                | 6                                 | 46                               | 0                           |
|                                | Rate <sup>3</sup> |  | 1.9%             | 0.1%              | 0.0%                              | 0.3%                             | 0.0%                        |
| Student & Youth Health Clinics | No.               | 14,164                                 | 26               | 2                 | 2                                 | 0                                | 0                           |
|                                | Rate <sup>3</sup> |  | 0.2%             | 0.0%              | 0.0%                              | 0.0%                             | 0.0%                        |
| <b>Subtotal North</b>          |                   | <b>38,942</b>                          | <b>750</b>       | <b>79</b>         | <b>68</b>                         | <b>320</b>                       | <b>8</b>                    |
| <b>Midland</b>                 |                   |  |                  |                   |                                   |                                  |                             |
| Sexual Health Clinics          | No.               | 6,144                                  | 447              | 57                | 68                                | 253                              | 2                           |
|                                | Rate <sup>3</sup> |  | 7.3%             | 0.9%              | 1.1%                              | 4.1%                             | 0.0%                        |
| Family Planning Clinics        | No.               | 7,271                                  | 189              | 18                | 10                                | 11                               | 0                           |
|                                | Rate <sup>3</sup> |  | 2.6%             | 0.2%              | 0.1%                              | 0.2%                             | 0.0%                        |
| Student & Youth Health Clinics | No.               | 13,068                                 | 28               | 1                 | 2                                 | 6                                | 0                           |
|                                | Rate <sup>3</sup> |  | 0.2%             | 0.0%              | 0.0%                              | 0.0%                             | 0.0%                        |
| <b>Subtotal Midland</b>        |                   | <b>26,483</b>                          | <b>664</b>       | <b>76</b>         | <b>80</b>                         | <b>270</b>                       | <b>2</b>                    |
| <b>Central</b>                 |                   |  |                  |                   |                                   |                                  |                             |
| Sexual Health Clinics          | No.               | 4,391                                  | 200              | 59                | 48                                | 171                              | 14                          |
|                                | Rate <sup>3</sup> |  | 4.6%             | 1.3%              | 1.1%                              | 3.9%                             | 0.3%                        |
| Family Planning Clinics        | No.               | 10,412                                 | 209              | 9                 | 23                                | 28                               | 0                           |
|                                | Rate <sup>3</sup> |  | 2.0%             | 0.1%              | 0.2%                              | 0.3%                             | 0.0%                        |
| Student & Youth Health Clinics | No.               | 20,630                                 | 133              | 15                | 13                                | 22                               | 0                           |
|                                | Rate <sup>3</sup> |  | 0.6%             | 0.1%              | 0.1%                              | 0.1%                             | 0.0%                        |
| <b>Subtotal Central</b>        |                   | <b>35,433</b>                          | <b>542</b>       | <b>83</b>         | <b>84</b>                         | <b>221</b>                       | <b>14</b>                   |
| <b>South</b>                   |                   |  |                  |                   |                                   |                                  |                             |
| Sexual Health Clinics          | No.               | 4,563                                  | 164              | 49                | 61                                | 176                              | 6                           |
|                                | Rate <sup>3</sup> |  | 3.6%             | 1.1%              | 1.3%                              | 3.9%                             | 0.1%                        |
| Family Planning Clinics        | No.               | 11,612                                 | 155              | 2                 | 14                                | 44                               | 0                           |
|                                | Rate <sup>3</sup> |  | 1.3%             | 0.0%              | 0.1%                              | 0.4%                             | 0.0%                        |
| Student & Youth Health Clinics | No.               | 26,775                                 | 83               | 7                 | 12                                | 39                               | 1                           |
|                                | Rate <sup>3</sup> |  | 0.3%             | 0.0%              | 0.0%                              | 0.1%                             | 0.0%                        |
| <b>Subtotal South</b>          |                   | <b>42,950</b>                          | <b>402</b>       | <b>58</b>         | <b>87</b>                         | <b>259</b>                       | <b>7</b>                    |
| <b>All regions</b>             |                   |  |                  |                   |                                   |                                  |                             |
| Sexual Health Clinics          | No.               | 21,644                                 | 1,190            | 224               | 237                               | 874                              | 30                          |
|                                | Rate.             |  | 5.5%             | 1.0%              | 1.1%                              | 4.0%                             | 0.1%                        |
| Family Planning Clinics        | No.               | 47,527                                 | 898              | 47                | 53                                | 129                              | 0                           |
|                                | Rate.             |  | 1.9%             | 0.1%              | 0.1%                              | 0.3%                             | 0.0%                        |
| Student & Youth Health Clinics | No.               | 74,637                                 | 270              | 25                | 29                                | 67                               | 1                           |
|                                | Rate.             |  | 0.4%             | 0.0%              | 0.0%                              | 0.1%                             | 0.0%                        |
| <b>Total</b>                   | <b>No.</b>        | <b>143,808</b>                         | <b>2,358</b>     | <b>296</b>        | <b>319</b>                        | <b>1,070</b>                     | <b>31</b>                   |
|                                | <b>Rate.</b>      |  | <b>1.6%</b>      | <b>0.2%</b>       | <b>0.2%</b>                       | <b>0.7%</b>                      | <b>0.0%</b>                 |

<sup>1</sup> Total No. of Clinic Visits = total no. of clinics visits for report period for any reason

<sup>2</sup> First presentation at that clinic.

<sup>3</sup> Infectious syphilis (primary, secondary and early latent)

<sup>4</sup> Rate = (no. of cases/total no. of clinic visits) x100, expressed as a percentage



**Table 1.2: Summary - Chlamydia Site of Infection**

Quarter 2 2009

|                                | <b>Confirmed</b>                       |                |                         |                |                   |                | <b>Total<sup>1</sup></b> |
|--------------------------------|--|----------------|-------------------------|----------------|-------------------|----------------|--------------------------|
|                                | <b>Uncomplicated, lower anogenital</b> |                | <b>PID/epididymitis</b> |                | <b>Other site</b> |                |                          |
|                                | No. <sup>2</sup>                       | % <sup>3</sup> | No. <sup>2</sup>        | % <sup>3</sup> | No. <sup>2</sup>  | % <sup>3</sup> | No. <sup>1</sup>         |
| Sexual Health Clinics          | 1169                                   | 98.4%          | 16                      | 1.3%           | 3                 | 0.3%           | 1188                     |
| Family Planning Clinics        | 885                                    | 98.4%          | 13                      | 1.4%           | 1                 | 0.1%           | 899                      |
| Student & Youth Health Clinics | 268                                    | 99.3%          | 1                       | 0.4%           | 1                 | 0.4%           | 270                      |
| <b>Total</b>                   | <b>2322</b>                            | <b>98.5%</b>   | <b>30</b>               | <b>1.3%</b>    | <b>5</b>          | <b>0.2%</b>    | <b>2357</b>              |

**Table 1.3: Summary - Gonorrhoea Site of Infection**

Quarter 2 2009

|                               | <b>Confirmed</b>               |                |                  |                |                         |                |                      |                |                   |                | <b>Total<sup>1</sup></b> |
|-------------------------------|--------------------------------|----------------|------------------|----------------|-------------------------|----------------|----------------------|----------------|-------------------|----------------|--------------------------|
|                               | <b>Uncomplicated infection</b> |                |                  |                | <b>PID/epididymitis</b> |                | <b>Extra-genital</b> |                |                   |                |                          |
|                               | <b>Urogenital</b>              |                | <b>Anorectal</b> |                |                         |                | <b>Pharynx</b>       |                | <b>Other site</b> |                |                          |
|                               | No. <sup>2</sup>               | % <sup>3</sup> | No. <sub>2</sub> | % <sup>3</sup> | No. <sup>2</sup>        | % <sup>3</sup> | No. <sup>2</sup>     | % <sup>3</sup> | No. <sup>2</sup>  | % <sup>3</sup> | No. <sup>2</sup>         |
| Sexual Health Clinics         | 205                            | 91.1%          | 10               | 4.4%           | 4                       | 1.8%           | 6                    | 2.7%           | 0                 | 0.0%           | 225                      |
| Family Planning Clinics       | 46                             | 97.9%          | 1                | 2.1%           | 0                       | 0.0%           | 0                    | 0.0%           | 0                 | 0.0%           | 47                       |
| Student & Youth Health Clinic | 25                             | 100.0%         | 0                | 0.0%           | 0                       | 0.0%           | 0                    | 0.0%           | 0                 | 0.0%           | 25                       |
| <b>Total</b>                  | <b>276</b>                     | <b>92.9%</b>   | <b>11</b>        | <b>3.7%</b>    | <b>4</b>                | <b>1.3%</b>    | <b>6</b>             | <b>2.0%</b>    | <b>0</b>          | <b>0.0%</b>    | <b>297</b>               |

<sup>1</sup> Total = total no. of diagnoses by clinic type; note that some cases may be counted more than once if the disease was confirmed at more than one site.

<sup>2</sup> No. = no. of diagnoses by site

<sup>3</sup> % = no. of diagnoses by site/total no. of diagnoses by clinic type, x100

# Sexual Health Clinic (SHC) Data

## Chlamydia

**Table 2.1: Chlamydia - Cases and Clinic Visit Rates by SHC**

Quarter 2

| <u>Total Clinic Visits<sup>1</sup></u> |              |                                   | <u>2008 Total</u> |                         | <u>2009 Total</u> |                         |
|--|--------------|-----------------------------------|-------------------|-------------------------|-------------------|-------------------------|
| <u>2008</u>                            | <u>2009</u>  | <u>Clinic</u>                     | <u>No.</u>        | <u>Rate<sup>2</sup></u> | <u>No.</u>        | <u>Rate<sup>2</sup></u> |
| 693                                    | 747          | Whangarei                         | 47                | 6.8%                    | 55                | 7.4%                    |
| 138                                    | 148          | Dargaville                        | 2                 | 1.4%                    | 7                 | 4.7%                    |
| 79                                     | 100          | Kaikohe                           | 7                 | 8.9%                    | 10                | 10.0%                   |
| 4674                                   | 5551         | Auckland                          | 292               | 6.2%                    | 307               | 5.5%                    |
| <b>5584</b>                            | <b>6546</b>  | <b>North</b>                      | <b>348</b>        | <b>6.2%</b>             | <b>379</b>        | <b>5.8%</b>             |
| 2199                                   | 2238         | Hamilton                          | 143               | 6.5%                    | 158               | 7.1%                    |
| 1831                                   | 2238         | Tauranga                          | 145               | 7.9%                    | 141               | 6.3%                    |
| 265                                    | 304          | Rotorua                           | 13                | 4.9%                    | 15                | 4.9%                    |
| 329                                    | 534          | Whakatane                         | 41                | 12.5%                   | 33                | 6.2%                    |
| 273                                    | 236          | Taupo                             | 47                | 17.2%                   | 27                | 11.4%                   |
| 609                                    | 594          | New Plymouth                      | 79                | 13.0%                   | 73                | 12.3%                   |
| 468                                    | 0            | Gisborne                          | 21                | 4.5%                    | 0                 | 0.0%                    |
| <b>5974</b>                            | <b>6144</b>  | <b>Midland</b>                    | <b>489</b>        | <b>8.2%</b>             | <b>447</b>        | <b>7.3%</b>             |
| 306                                    | 269          | Napier                            | 47                | 15.4%                   | 45                | 16.7%                   |
| 141                                    | 131          | Hastings                          | 36                | 25.5%                   | 27                | 20.6%                   |
| 274                                    | 261          | Wanganui                          | 9                 | 3.3%                    | 7                 | 2.7%                    |
| 1134                                   | 1076         | Palmerston North/Levin/Dannevirke | 70                | 6.2%                    | 44                | 4.1%                    |
| 2040                                   | 1651         | Wellington                        | 52                | 2.5%                    | 51                | 3.1%                    |
| 212                                    | 233          | Lower Hutt                        | 5                 | 2.4%                    | 7                 | 3.0%                    |
| 85                                     | 90           | Porirua                           | 4                 | 4.7%                    | 4                 | 4.4%                    |
| 618                                    | 415          | Nelson                            | 14                | 2.3%                    | 12                | 2.9%                    |
| 162                                    | 265          | Wairau (Blenheim)                 | 6                 | 3.7%                    | 3                 | 1.1%                    |
| <b>4972</b>                            | <b>4391</b>  | <b>Central</b>                    | <b>243</b>        | <b>4.9%</b>             | <b>200</b>        | <b>4.6%</b>             |
| 125                                    | 83           | Greymouth                         | 8                 | 6.4%                    | 3                 | 3.6%                    |
| 123                                    | 120          | Westport/Buller                   | 12                | 9.8%                    | 8                 | 6.7%                    |
| 2357                                   | 3111         | Christchurch                      | 90                | 3.8%                    | 63                | 2.0%                    |
| 32                                     | 25           | Ashburton                         | 2                 | 6.3%                    | 0                 | 0.0%                    |
| 197                                    | 174          | Timaru                            | 19                | 9.6%                    | 24                | 13.8%                   |
| 881                                    | 499          | Dunedin                           | 42                | 4.8%                    | 26                | 5.2%                    |
| 604                                    | 551          | Invercargill/Gore/Wyndham         | 62                | 10.3%                   | 40                | 7.3%                    |
| <b>4319</b>                            | <b>4563</b>  | <b>South</b>                      | <b>235</b>        | <b>5.4%</b>             | <b>164</b>        | <b>3.6%</b>             |
| <b>20849</b>                           | <b>21644</b> | <b>Total</b>                      | <b>1315</b>       | <b>6.3%</b>             | <b>1190</b>       | <b>5.5%</b>             |

<sup>1</sup> Total No. of Clinic Visits = total no. of clinic visits for the report period for any reason.

<sup>2</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage.

Note: People seek treatment for STIs from a variety of sources, including sexual health clinics, family planning clinics, student and youth health clinics, and general practitioners. The rates in the table above are for the type of clinic indicated; these rates may not be representative of other types of clinics or the general population.

**Table 2.2: Chlamydia - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SHCs**

Quarter 2 2009

|                |                 | Age group (years) |             |            |            |            |            |            |            |            |            |
|----------------|-----------------|-------------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                |                 | <15               | 15-19       | 20-24      | 25-29      | 30-34      | 35-39      | 40-44      | >44        | Unk        | Total      |
| <b>Males</b>   | European/Pakeha | 0                 | 56          | 99         | 53         | 29         | 12         | 13         | 15         | 0          | 277        |
|                |                 | 0.0               | 9.0         | 6.7        | 4.6        | 4.1        | 1.9        | 2.6        | 1.5        | 0.0        | 4.5        |
|                | Maori           | 1                 | 49          | 62         | 27         | 13         | 11         | 0          | 1          | 0          | 164        |
|                |                 | 5.3               | 17.9        | 15.9       | 12.0       | 10.5       | 10.6       | 0.0        | 1.1        | -          | 12.9       |
|                | Pacific Peoples | 0                 | 16          | 32         | 13         | 3          | 1          | 2          | 1          | 0          | 68         |
|                |                 | 0.0               | 26.2        | 24.6       | 12.7       | 3.9        | 2.6        | 6.5        | 2.8        | -          | 14.3       |
|                | Other           | 0                 | 2           | 10         | 10         | 7          | 3          | 2          | 4          | 0          | 38         |
|                |                 | 0.0               | 5.0         | 5.2        | 3.7        | 3.5        | 2.2        | 2.3        | 3.0        | -          | 3.6        |
| Unknown        | 0               | 1                 | 5           | 0          | 1          | 3          | 0          | 0          | 0          | 10         |            |
|                | 0.0             | 6.3               | 7.9         | 0.0        | 3.6        | 9.4        | 0.0        | 0.0        | 0.0        | 3.7        |            |
| <b>Total</b>   |                 | <b>1</b>          | <b>124</b>  | <b>208</b> | <b>103</b> | <b>53</b>  | <b>30</b>  | <b>17</b>  | <b>21</b>  | <b>0</b>   | <b>557</b> |
|                |                 | <b>2.3</b>        | <b>12.2</b> | <b>9.2</b> | <b>5.8</b> | <b>4.7</b> | <b>3.2</b> | <b>2.4</b> | <b>1.5</b> | <b>0.0</b> | <b>6.0</b> |
| <b>Females</b> | European/Pakeha | 3                 | 146         | 81         | 31         | 9          | 9          | 2          | 2          | 0          | 283        |
|                |                 | 2.4               | 6.4         | 3.8        | 3.0        | 1.2        | 1.9        | 0.6        | 0.4        | 0.0        | 3.7        |
|                | Maori           | 5                 | 156         | 69         | 28         | 12         | 6          | 0          | 1          | 0          | 277        |
|                |                 | 6.4               | 14.2        | 9.9        | 7.4        | 4.7        | 4.2        | 0.0        | 1.0        | 0.0        | 9.7        |
|                | Pacific Peoples | 0                 | 14          | 23         | 5          | 1          | 0          | 0          | 1          | 0          | 44         |
|                |                 | 0.0               | 11.8        | 11.5       | 5.9        | 2.0        | 0.0        | 0.0        | 3.3        | -          | 8.5        |
|                | Other           | 0                 | 8           | 4          | 9          | 3          | 0          | 1          | 0          | 0          | 25         |
|                |                 | 0.0               | 6.7         | 1.7        | 2.7        | 2.2        | 0.0        | 1.6        | 0.0        | -          | 2.3        |
| Unknown        | 0               | 2                 | 0           | 0          | 1          | 0          | 0          | 1          | 0          | 4          |            |
|                | 0.0             | 3.2               | 0.0         | 0.0        | 2.5        | 0.0        | 0.0        | 2.8        | 0.0        | 1.3        |            |
| <b>Total</b>   |                 | <b>8</b>          | <b>326</b>  | <b>177</b> | <b>73</b>  | <b>26</b>  | <b>15</b>  | <b>3</b>   | <b>5</b>   | <b>0</b>   | <b>633</b> |
|                |                 | <b>3.8</b>        | <b>8.8</b>  | <b>5.3</b> | <b>3.9</b> | <b>2.1</b> | <b>2.0</b> | <b>0.6</b> | <b>0.6</b> | <b>0.0</b> | <b>5.1</b> |

<sup>1</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

## Gonorrhoea

**Table 2.3: Gonorrhoea – Cases and Clinic Visit Rates by SHC**

Quarter 2

| <u>Total Clinic Visits<sup>1</sup></u> |              |                                   | <u>2008 Total</u> |                         | <u>2009 Total</u> |                         |
|--|--------------|-----------------------------------|-------------------|-------------------------|-------------------|-------------------------|
| <u>2008</u>                            | <u>2009</u>  | <u>Clinic</u>                     | <u>No.</u>        | <u>Rate<sup>2</sup></u> | <u>No.</u>        | <u>Rate<sup>2</sup></u> |
| 693                                    | 747          | Whangarei                         | 7                 | 1.0%                    | 2                 | 0.3%                    |
| 138                                    | 148          | Dargaville                        | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 79                                     | 100          | Kaikohe                           | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 4674                                   | 5551         | Auckland                          | 63                | 1.3%                    | 57                | 1.0%                    |
| <b>5584</b>                            | <b>6546</b>  | <b>North</b>                      | <b>70</b>         | <b>1.3%</b>             | <b>59</b>         | <b>0.9%</b>             |
| 2199                                   | 2238         | Hamilton                          | 32                | 1.5%                    | 17                | 0.8%                    |
| 1831                                   | 2238         | Tauranga                          | 13                | 0.7%                    | 13                | 0.6%                    |
| 265                                    | 304          | Rotorua                           | 4                 | 1.5%                    | 5                 | 1.6%                    |
| 329                                    | 534          | Whakatane                         | 4                 | 1.2%                    | 7                 | 1.3%                    |
| 273                                    | 236          | Taupo                             | 4                 | 1.5%                    | 2                 | 0.8%                    |
| 609                                    | 594          | New Plymouth                      | 5                 | 0.8%                    | 13                | 2.2%                    |
| 468                                    | 0            | Gisborne                          | 21                | 4.5%                    | 0                 | 0.0%                    |
| <b>5974</b>                            | <b>6144</b>  | <b>Midland</b>                    | <b>83</b>         | <b>1.4%</b>             | <b>57</b>         | <b>0.9%</b>             |
| 306                                    | 269          | Napier                            | 8                 | 2.6%                    | 10                | 3.7%                    |
| 141                                    | 131          | Hastings                          | 6                 | 4.3%                    | 7                 | 5.3%                    |
| 274                                    | 261          | Wanganui                          | 2                 | 0.7%                    | 2                 | 0.8%                    |
| 1134                                   | 1076         | Palmerston North/Levin/Dannevirke | 7                 | 0.6%                    | 14                | 1.3%                    |
| 2040                                   | 1651         | Wellington                        | 12                | 0.6%                    | 19                | 1.2%                    |
| 212                                    | 233          | Lower Hutt                        | 4                 | 1.9%                    | 2                 | 0.9%                    |
| 85                                     | 90           | Porirua                           | 1                 | 1.2%                    | 2                 | 2.2%                    |
| 618                                    | 415          | Nelson                            | 0                 | 0.0%                    | 3                 | 0.7%                    |
| 162                                    | 265          | Wairau (Blenheim)                 | 0                 | 0.0%                    | 0                 | 0.0%                    |
| <b>4972</b>                            | <b>4391</b>  | <b>Central</b>                    | <b>40</b>         | <b>0.8%</b>             | <b>59</b>         | <b>1.3%</b>             |
| 125                                    | 83           | Greymouth                         | 0                 | 0.0%                    | 1                 | 1.2%                    |
| 123                                    | 120          | Westport/Buller                   | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 2357                                   | 3111         | Christchurch                      | 27                | 1.1%                    | 15                | 0.5%                    |
| 32                                     | 25           | Ashburton                         | 0                 | 0.0%                    | 2                 | 8.0%                    |
| 197                                    | 174          | Timaru                            | 8                 | 4.1%                    | 16                | 9.2%                    |
| 881                                    | 499          | Dunedin                           | 3                 | 0.3%                    | 5                 | 1.0%                    |
| 604                                    | 551          | Invercargill/Gore/Wyndham         | 16                | 2.6%                    | 10                | 1.8%                    |
| <b>4319</b>                            | <b>4563</b>  | <b>South</b>                      | <b>54</b>         | <b>1.3%</b>             | <b>49</b>         | <b>1.1%</b>             |
| <b>20849</b>                           | <b>21644</b> | <b>Total</b>                      | <b>247</b>        | <b>1.2%</b>             | <b>224</b>        | <b>1.0%</b>             |

<sup>1</sup> Total No. of Clinic Visits = total no. of clinic visits for the report period for any reason.

<sup>2</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage.

Note: People seek treatment for STIs from a variety of sources, including sexual health clinics, family planning clinics, student and youth health clinics, and general practitioners. The rates in the table above are for the type of clinic indicated; these rates may not be representative of other types of clinics or the general population.

**Table 2.4: Gonorrhoea - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SHCs**

Quarter 2 2009

|                |                 | Age group (years) |            |            |            |            |            |            |            | Unk        | Total      |
|----------------|-----------------|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                |                 | <15               | 15-19      | 20-24      | 25-29      | 30-34      | 35-39      | 40-44      | >44        |            |            |
| <b>Males</b>   | European/Pakeha | 0                 | 8          | 24         | 13         | 3          | 3          | 3          | 4          | 0          | <b>58</b>  |
|                |                 | 0.0               | 1.3        | 1.6        | 1.1        | 0.4        | 0.5        | 0.6        | 0.4        | 0.0        | <b>0.9</b> |
|                | Maori           | 0                 | 12         | 20         | 8          | 4          | 1          | 1          | 1          | 0          | <b>47</b>  |
|                |                 | 0.0               | 4.4        | 5.1        | 3.6        | 3.2        | 1.0        | 2.2        | 1.1        | -          | <b>3.7</b> |
|                | Pacific Peoples | 0                 | 3          | 7          | 7          | 3          | 2          | 3          | 0          | 0          | <b>25</b>  |
|                |                 | 0.0               | 4.9        | 5.4        | 6.9        | 3.9        | 5.3        | 9.7        | 0.0        | -          | <b>5.3</b> |
|                | Other           | 0                 | 1          | 0          | 3          | 1          | 1          | 1          | 0          | 0          | <b>7</b>   |
|                |                 | 0.0               | 2.5        | 0.0        | 1.1        | 0.5        | 0.7        | 1.1        | 0.0        | -          | <b>0.7</b> |
| Unknown        | 0               | 0                 | 2          | 0          | 0          | 0          | 0          | 0          | 0          | <b>2</b>   |            |
|                | 0.0             | 0.0               | 3.2        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | <b>0.7</b> |            |
| <b>Total</b>   |                 | <b>0</b>          | <b>24</b>  | <b>53</b>  | <b>31</b>  | <b>11</b>  | <b>7</b>   | <b>8</b>   | <b>5</b>   | <b>0</b>   | <b>139</b> |
|                |                 | <b>0.0</b>        | <b>2.4</b> | <b>2.4</b> | <b>1.8</b> | <b>1.0</b> | <b>0.7</b> | <b>1.1</b> | <b>0.4</b> | <b>0.0</b> | <b>1.5</b> |
| <b>Females</b> | European/Pakeha | 1                 | 12         | 15         | 4          | 3          | 0          | 1          | 0          | 0          | <b>36</b>  |
|                |                 | 0.8               | 0.5        | 0.7        | 0.4        | 0.4        | 0.0        | 0.3        | 0.0        | 0.0        | <b>0.5</b> |
|                | Maori           | 0                 | 22         | 9          | 5          | 6          | 2          | 0          | 0          | 0          | <b>44</b>  |
|                |                 | 0.0               | 2.0        | 1.3        | 1.3        | 2.4        | 1.4        | 0.0        | 0.0        | 0.0        | <b>1.5</b> |
|                | Pacific Peoples | 0                 | 0          | 1          | 0          | 1          | 1          | 0          | 0          | 0          | <b>3</b>   |
|                |                 | 0.0               | 0.0        | 0.5        | 0.0        | 2.0        | 4.5        | 0.0        | 0.0        | -          | <b>0.6</b> |
|                | Other           | 0                 | 1          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | <b>2</b>   |
|                |                 | 0.0               | 0.8        | 0.4        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | -          | <b>0.2</b> |
| <b>Total</b>   |                 | <b>1</b>          | <b>35</b>  | <b>26</b>  | <b>9</b>   | <b>10</b>  | <b>3</b>   | <b>1</b>   | <b>0</b>   | <b>0</b>   | <b>85</b>  |
|                |                 | <b>0.5</b>        | <b>1.0</b> | <b>0.8</b> | <b>0.5</b> | <b>0.8</b> | <b>0.4</b> | <b>0.2</b> | <b>0.0</b> | <b>0.0</b> | <b>0.7</b> |

<sup>1</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

## Genital Herpes (First presentation)

**Table 2.5: Genital Herpes – Cases and Clinic Visit Rates by SHC**

Quarter 2

| <u>Total Clinic Visits<sup>1</sup></u> |              |                                   | <u>2008 Total</u> |                         | <u>2009 Total</u> |                         |
|--|--------------|-----------------------------------|-------------------|-------------------------|-------------------|-------------------------|
| <u>2008</u>                            | <u>2009</u>  | <u>Clinic</u>                     | <u>No.</u>        | <u>Rate<sup>2</sup></u> | <u>No.</u>        | <u>Rate<sup>2</sup></u> |
| 693                                    | 747          | Whangarei                         | 5                 | 0.7%                    | 9                 | 1.2%                    |
| 138                                    | 148          | Dargaville                        | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 79                                     | 100          | Kaikohe                           | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 4674                                   | 5551         | Auckland                          | 56                | 1.2%                    | 51                | 0.9%                    |
| <b>5584</b>                            | <b>6546</b>  | <b>North</b>                      | <b>61</b>         | <b>1.1%</b>             | <b>60</b>         | <b>0.9%</b>             |
| 2199                                   | 2238         | Hamilton                          | 24                | 1.1%                    | 29                | 1.3%                    |
| 1831                                   | 2238         | Tauranga                          | 10                | 0.5%                    | 26                | 1.2%                    |
| 265                                    | 304          | Rotorua                           | 3                 | 1.1%                    | 2                 | 0.7%                    |
| 329                                    | 534          | Whakatane                         | 0                 | 0.0%                    | 1                 | 0.2%                    |
| 273                                    | 236          | Taupo                             | 0                 | 0.0%                    | 1                 | 0.4%                    |
| 609                                    | 594          | New Plymouth                      | 9                 | 1.5%                    | 9                 | 1.5%                    |
| 468                                    | 0            | Gisborne                          | 0                 | 0.0%                    | 0                 | 0.0%                    |
| <b>5974</b>                            | <b>6144</b>  | <b>Midland</b>                    | <b>46</b>         | <b>0.8%</b>             | <b>68</b>         | <b>1.1%</b>             |
| 306                                    | 269          | Napier                            | 6                 | 2.0%                    | 5                 | 1.9%                    |
| 141                                    | 131          | Hastings                          | 4                 | 2.8%                    | 5                 | 3.8%                    |
| 274                                    | 261          | Wanganui                          | 3                 | 1.1%                    | 1                 | 0.4%                    |
| 1134                                   | 1076         | Palmerston North/Levin/Dannevirke | 6                 | 0.5%                    | 10                | 0.9%                    |
| 2040                                   | 1651         | Wellington                        | 15                | 0.7%                    | 10                | 0.6%                    |
| 212                                    | 233          | Lower Hutt                        | 0                 | 0.0%                    | 2                 | 0.9%                    |
| 85                                     | 90           | Porirua                           | 1                 | 1.2%                    | 0                 | 0.0%                    |
| 618                                    | 415          | Nelson                            | 9                 | 1.5%                    | 12                | 2.9%                    |
| 162                                    | 265          | Wairau (Blenheim)                 | 0                 | 0.0%                    | 3                 | 1.1%                    |
| <b>4972</b>                            | <b>4391</b>  | <b>Central</b>                    | <b>44</b>         | <b>0.9%</b>             | <b>48</b>         | <b>1.1%</b>             |
| 125                                    | 83           | Greymouth                         | 1                 | 0.8%                    | 2                 | 2.4%                    |
| 123                                    | 120          | Westport/Buller                   | 1                 | 0.8%                    | 0                 | 0.0%                    |
| 2357                                   | 3111         | Christchurch                      | 37                | 1.6%                    | 38                | 1.2%                    |
| 32                                     | 25           | Ashburton                         | 0                 | 0.0%                    | 2                 | 8.0%                    |
| 197                                    | 174          | Timaru                            | 3                 | 1.5%                    | 0                 | 0.0%                    |
| 881                                    | 499          | Dunedin                           | 8                 | 0.9%                    | 12                | 2.4%                    |
| 604                                    | 551          | Invercargill/Gore/Wyndham         | 8                 | 1.3%                    | 7                 | 1.3%                    |
| <b>4319</b>                            | <b>4563</b>  | <b>South</b>                      | <b>58</b>         | <b>1.3%</b>             | <b>61</b>         | <b>1.3%</b>             |
| <b>20849</b>                           | <b>21644</b> | <b>Total</b>                      | <b>209</b>        | <b>1.0%</b>             | <b>237</b>        | <b>1.1%</b>             |

<sup>1</sup> Total No. of Clinic Visits = total no. of clinic visits for the report period for any reason.

<sup>2</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage.

Note: People seek treatment for STIs from a variety of sources, including sexual health clinics, family planning clinics, student and youth health clinics, and general practitioners. The rates in the table above are for the type of clinic indicated; these rates may not be representative of other types of clinics or the general population.

**Table 2.6: Genital Herpes - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SHCs**

Quarter 2 2009

|                |                 | Age group (years) |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|----------------|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                |                 | <u>&lt;15</u>     | <u>15-19</u>      | <u>20-24</u>      | <u>25-29</u>      | <u>30-34</u>      | <u>35-39</u>      | <u>40-44</u>      | <u>&gt;44</u>     | <u>Unk</u>        | <u>Total</u>      |
| <b>Males</b>   | European/Pakeha | 0                 | 7                 | 17                | 17                | 10                | 9                 | 8                 | 17                | 0                 | <b>85</b>         |
|                |                 | 0.0               | 1.1               | 1.2               | 1.5               | 1.4               | 1.4               | 1.6               | 1.7               | 0.0               | <b>1.4</b>        |
|                | Maori           | 0                 | 1                 | 5                 | 4                 | 1                 | 0                 | 0                 | 1                 | 0                 | <b>12</b>         |
|                |                 | 0.0               | 0.4               | 1.3               | 1.8               | 0.8               | 0.0               | 0.0               | 1.1               | -                 | <b>0.9</b>        |
|                | Pacific Peoples | 0                 | 0                 | 2                 | 1                 | 0                 | 0                 | 0                 | 1                 | 0                 | <b>4</b>          |
|                |                 | 0.0               | 0.0               | 1.5               | 1.0               | 0.0               | 0.0               | 0.0               | 2.8               | -                 | <b>0.8</b>        |
|                | Other           | 0                 | 0                 | 0                 | 2                 | 1                 | 3                 | 0                 | 0                 | 0                 | <b>6</b>          |
|                |                 | 0.0               | 0.0               | 0.0               | 0.7               | 0.5               | 2.2               | 0.0               | 0.0               | -                 | <b>0.6</b>        |
| Unknown        | 0               | 0                 | 1                 | 1                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>2</b>          |                   |
|                | 0.0             | 0.0               | 1.6               | 3.7               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | <b>0.7</b>        |                   |
| <b>Total</b>   |                 | <b><u>0</u></b>   | <b><u>8</u></b>   | <b><u>25</u></b>  | <b><u>25</u></b>  | <b><u>12</u></b>  | <b><u>12</u></b>  | <b><u>8</u></b>   | <b><u>19</u></b>  | <b><u>0</u></b>   | <b><u>109</u></b> |
|                |                 | <b><u>0.0</u></b> | <b><u>0.8</u></b> | <b><u>1.1</u></b> | <b><u>1.4</u></b> | <b><u>1.1</u></b> | <b><u>1.3</u></b> | <b><u>1.1</u></b> | <b><u>1.4</u></b> | <b><u>0.0</u></b> | <b><u>1.2</u></b> |
| <b>Females</b> | European/Pakeha | 2                 | 29                | 25                | 10                | 10                | 6                 | 7                 | 7                 | 0                 | <b>96</b>         |
|                |                 | 1.6               | 1.3               | 1.2               | 1.0               | 1.3               | 1.3               | 2.3               | 1.4               | 0.0               | <b>1.3</b>        |
|                | Maori           | 0                 | 8                 | 6                 | 0                 | 1                 | 0                 | 0                 | 0                 | 0                 | <b>15</b>         |
|                |                 | 0.0               | 0.7               | 0.9               | 0.0               | 0.4               | 0.0               | 0.0               | 0.0               | 0.0               | <b>0.5</b>        |
|                | Pacific Peoples | 0                 | 0                 | 0                 | 1                 | 0                 | 1                 | 0                 | 0                 | 0                 | <b>2</b>          |
|                |                 | 0.0               | 0.0               | 0.0               | 1.2               | 0.0               | 4.5               | 0.0               | 0.0               | -                 | <b>0.4</b>        |
|                | Other           | 0                 | 2                 | 2                 | 2                 | 1                 | 0                 | 2                 | 0                 | 0                 | <b>9</b>          |
|                |                 | 0.0               | 1.7               | 0.9               | 0.6               | 0.7               | 0.0               | 3.2               | 0.0               | -                 | <b>0.8</b>        |
| Unknown        | 0               | 0                 | 1                 | 0                 | 1                 | 1                 | 1                 | 2                 | 0                 | <b>6</b>          |                   |
|                | 0.0             | 0.0               | 1.4               | 0.0               | 2.5               | 4.3               | 3.4               | 5.6               | 0.0               | <b>2.0</b>        |                   |
| <b>Total</b>   |                 | <b><u>2</u></b>   | <b><u>39</u></b>  | <b><u>34</u></b>  | <b><u>13</u></b>  | <b><u>13</u></b>  | <b><u>8</u></b>   | <b><u>10</u></b>  | <b><u>9</u></b>   | <b><u>0</u></b>   | <b><u>128</u></b> |
|                |                 | <b><u>1.0</u></b> | <b><u>1.1</u></b> | <b><u>1.0</u></b> | <b><u>0.7</u></b> | <b><u>1.0</u></b> | <b><u>1.0</u></b> | <b><u>2.0</u></b> | <b><u>1.1</u></b> | <b><u>0.0</u></b> | <b><u>1.0</u></b> |

<sup>1</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

## Genital Warts (First presentation)

**Table 2.7: Genital Warts – Cases and Clinic Visit Rates by SHC**

Quarter 2

| <u>Total Clinic Visits<sup>1</sup></u> |              |                                   | <u>2008 Total</u> |                         | <u>2009 Total</u> |                         |
|--|--------------|-----------------------------------|-------------------|-------------------------|-------------------|-------------------------|
| <u>2008</u>                            | <u>2009</u>  | <u>Clinic</u>                     | <u>No.</u>        | <u>Rate<sup>2</sup></u> | <u>No.</u>        | <u>Rate<sup>2</sup></u> |
| 693                                    | 747          | Whangarei                         | 24                | 3.5%                    | 20                | 2.7%                    |
| 138                                    | 148          | Dargaville                        | 1                 | 0.7%                    | 0                 | 0.0%                    |
| 79                                     | 100          | Kaikohe                           | 0                 | 0.0%                    | 1                 | 1.0%                    |
| 4674                                   | 5551         | Auckland                          | 246               | 5.3%                    | 253               | 4.6%                    |
| <b>5584</b>                            | <b>6546</b>  | <b>North</b>                      | <b>271</b>        | <b>4.9%</b>             | <b>274</b>        | <b>4.2%</b>             |
| 2199                                   | 2238         | Hamilton                          | 139               | 6.3%                    | 120               | 5.4%                    |
| 1831                                   | 2238         | Tauranga                          | 69                | 3.8%                    | 76                | 3.4%                    |
| 265                                    | 304          | Rotorua                           | 15                | 5.7%                    | 13                | 4.3%                    |
| 329                                    | 534          | Whakatane                         | 7                 | 2.1%                    | 7                 | 1.3%                    |
| 273                                    | 236          | Taupo                             | 3                 | 1.1%                    | 3                 | 1.3%                    |
| 609                                    | 594          | New Plymouth                      | 33                | 5.4%                    | 34                | 5.7%                    |
| 468                                    | 0            | Gisborne                          | 0                 | 0.0%                    | 0                 | 0.0%                    |
| <b>5974</b>                            | <b>6144</b>  | <b>Midland</b>                    | <b>266</b>        | <b>4.5%</b>             | <b>253</b>        | <b>4.1%</b>             |
| 306                                    | 269          | Napier                            | 19                | 6.2%                    | 11                | 4.1%                    |
| 141                                    | 131          | Hastings                          | 18                | 12.8%                   | 11                | 8.4%                    |
| 274                                    | 261          | Wanganui                          | 14                | 5.1%                    | 3                 | 1.1%                    |
| 1134                                   | 1076         | Palmerston North/Levin/Dannevirke | 38                | 3.4%                    | 23                | 2.1%                    |
| 2040                                   | 1651         | Wellington                        | 74                | 3.6%                    | 56                | 3.4%                    |
| 212                                    | 233          | Lower Hutt                        | 12                | 5.7%                    | 15                | 6.4%                    |
| 85                                     | 90           | Porirua                           | 4                 | 4.7%                    | 10                | 11.1%                   |
| 618                                    | 415          | Nelson                            | 33                | 5.3%                    | 19                | 4.6%                    |
| 162                                    | 265          | Wairau (Blenheim)                 | 39                | 24.1%                   | 23                | 8.7%                    |
| <b>4972</b>                            | <b>4391</b>  | <b>Central</b>                    | <b>251</b>        | <b>5.0%</b>             | <b>171</b>        | <b>3.9%</b>             |
| 125                                    | 83           | Greymouth                         | 6                 | 4.8%                    | 6                 | 7.2%                    |
| 123                                    | 120          | Westport/Buller                   | 2                 | 1.6%                    | 1                 | 0.8%                    |
| 2357                                   | 3111         | Christchurch                      | 106               | 4.5%                    | 89                | 2.9%                    |
| 32                                     | 25           | Ashburton                         | 3                 | 9.4%                    | 1                 | 4.0%                    |
| 197                                    | 174          | Timaru                            | 14                | 7.1%                    | 10                | 5.7%                    |
| 881                                    | 499          | Dunedin                           | 37                | 4.2%                    | 35                | 7.0%                    |
| 604                                    | 551          | Invercargill/Gore/Wyndham         | 47                | 7.8%                    | 34                | 6.2%                    |
| <b>4319</b>                            | <b>4563</b>  | <b>South</b>                      | <b>215</b>        | <b>5.0%</b>             | <b>176</b>        | <b>3.9%</b>             |
| <b>20849</b>                           | <b>21644</b> | <b>Total</b>                      | <b>1003</b>       | <b>4.8%</b>             | <b>874</b>        | <b>4.0%</b>             |

<sup>1</sup> Total No. of Clinic Visits = total no. of clinic visits for the report period for any reason.

<sup>2</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage.

Note: People seek treatment for STIs from a variety of sources, including sexual health clinics, family planning clinics, student and youth health clinics, and general practitioners. The rates in the table above are for the type of clinic indicated; these rates may not be representative of other types of clinics or the general population.



**Table 2.8: Genital Warts - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SHCs**

Quarter 2 2009

|                |                 | Age group (years) |                   |                   |                   |                   |                   |                   |                   | Total             |                   |
|----------------|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                |                 | <15               | 15-19             | 20-24             | 25-29             | 30-34             | 35-39             | 40-44             | >44               | Unk               | Total             |
| <b>Males</b>   | European/Pakeha | 1                 | 42                | 102               | 59                | 36                | 26                | 18                | 20                | 0                 | <b>304</b>        |
|                |                 | 5.0               | 6.7               | 6.9               | 5.2               | 5.1               | 4.1               | 3.6               | 2.0               | 0.0               | <b>5.0</b>        |
|                | Maori           | 0                 | 17                | 27                | 7                 | 7                 | 2                 | 1                 | 3                 | 0                 | <b>64</b>         |
|                |                 | 0.0               | 6.2               | 6.9               | 3.1               | 5.6               | 1.9               | 2.2               | 3.4               | -                 | <b>5.0</b>        |
|                | Pacific Peoples | 0                 | 8                 | 1                 | 2                 | 1                 | 0                 | 0                 | 0                 | 0                 | <b>12</b>         |
|                |                 | 0.0               | 13.1              | 0.8               | 2.0               | 1.3               | 0.0               | 0.0               | 0.0               | -                 | <b>2.5</b>        |
|                | Other           | 0                 | 1                 | 6                 | 10                | 9                 | 5                 | 3                 | 2                 | 0                 | <b>36</b>         |
|                |                 | 0.0               | 2.5               | 3.1               | 3.7               | 4.5               | 3.6               | 3.4               | 1.5               | -                 | <b>3.4</b>        |
| Unknown        | 0               | 3                 | 4                 | 2                 | 1                 | 2                 | 1                 | 1                 | 0                 | <b>14</b>         |                   |
|                | 0.0             | 18.8              | 6.3               | 7.4               | 3.6               | 6.3               | 3.7               | 1.3               | 0.0               | <b>5.1</b>        |                   |
| <b>Total</b>   |                 | <b><u>1</u></b>   | <b><u>71</u></b>  | <b><u>140</u></b> | <b><u>80</u></b>  | <b><u>54</u></b>  | <b><u>35</u></b>  | <b><u>23</u></b>  | <b><u>26</u></b>  | <b><u>0</u></b>   | <b><u>430</u></b> |
|                |                 | <b><u>2.3</u></b> | <b><u>7.0</u></b> | <b><u>6.2</u></b> | <b><u>4.5</u></b> | <b><u>4.8</u></b> | <b><u>3.7</u></b> | <b><u>3.3</u></b> | <b><u>1.9</u></b> | <b><u>0.0</u></b> | <b><u>4.7</u></b> |
| <b>Females</b> | European/Pakeha | 2                 | 117               | 97                | 36                | 20                | 11                | 6                 | 12                | 0                 | <b>301</b>        |
|                |                 | 1.6               | 5.1               | 4.6               | 3.5               | 2.6               | 2.3               | 1.9               | 2.3               | 0.0               | <b>3.9</b>        |
|                | Maori           | 2                 | 48                | 22                | 9                 | 2                 | 2                 | 1                 | 1                 | 0                 | <b>87</b>         |
|                |                 | 2.6               | 4.4               | 3.1               | 2.4               | 0.8               | 1.4               | 1.1               | 1.0               | 0.0               | <b>3.0</b>        |
|                | Pacific Peoples | 0                 | 7                 | 8                 | 0                 | 4                 | 0                 | 0                 | 0                 | 0                 | <b>19</b>         |
|                |                 | 0.0               | 5.9               | 4.0               | 0.0               | 8.2               | 0.0               | 0.0               | 0.0               | -                 | <b>3.7</b>        |
|                | Other           | 0                 | 2                 | 11                | 11                | 0                 | 0                 | 0                 | 3                 | 0                 | <b>27</b>         |
|                |                 | 0.0               | 1.7               | 4.8               | 3.3               | 0.0               | 0.0               | 0.0               | 2.5               | -                 | <b>2.5</b>        |
| Unknown        | 0               | 4                 | 3                 | 2                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>9</b>          |                   |
|                | 0.0             | 6.5               | 4.2               | 5.3               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | <b>3.0</b>        |                   |
| <b>Total</b>   |                 | <b><u>4</u></b>   | <b><u>178</u></b> | <b><u>141</u></b> | <b><u>58</u></b>  | <b><u>26</u></b>  | <b><u>13</u></b>  | <b><u>7</u></b>   | <b><u>16</u></b>  | <b><u>0</u></b>   | <b><u>443</u></b> |
|                |                 | <b><u>1.9</u></b> | <b><u>4.8</u></b> | <b><u>4.2</u></b> | <b><u>3.1</u></b> | <b><u>2.1</u></b> | <b><u>1.7</u></b> | <b><u>1.4</u></b> | <b><u>2.0</u></b> | <b><u>0.0</u></b> | <b><u>3.6</u></b> |

<sup>1</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

# Syphilis

**Table 2.9: Syphilis – Cases and Clinic Visit Rates by SHC**

Quarter 2

| <u>Total Clinic Visits<sup>1</sup></u> |              |                                   | <u>2008 Total</u> |                         | <u>2009 Total</u> |                         |
|--|--------------|-----------------------------------|-------------------|-------------------------|-------------------|-------------------------|
| <u>2008</u>                            | <u>2009</u>  | <u>Clinic</u>                     | <u>No.</u>        | <u>Rate<sup>2</sup></u> | <u>No.</u>        | <u>Rate<sup>2</sup></u> |
| 693                                    | 747          | Whangarei                         | 1                 | 0.1%                    | 0                 | 0.0%                    |
| 138                                    | 148          | Dargaville                        | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 79                                     | 100          | Kaikohe                           | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 4674                                   | 5551         | Auckland                          | 9                 | 0.2%                    | 8                 | 0.1%                    |
| <b>5584</b>                            | <b>6546</b>  | <b>North</b>                      | <b>10</b>         | <b>0.2%</b>             | <b>8</b>          | <b>0.1%</b>             |
| 2199                                   | 2238         | Hamilton                          | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 1831                                   | 2238         | Tauranga                          | 1                 | 0.1%                    | 2                 | 0.1%                    |
| 265                                    | 304          | Rotorua                           | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 329                                    | 534          | Whakatane                         | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 273                                    | 236          | Taupo                             | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 609                                    | 594          | New Plymouth                      | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 468                                    | 0            | Gisborne                          | 0                 | 0.0%                    | 0                 | 0.0%                    |
| <b>5974</b>                            | <b>6144</b>  | <b>Midland</b>                    | <b>1</b>          | <b>0.0%</b>             | <b>2</b>          | <b>0.0%</b>             |
| 306                                    | 269          | Napier                            | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 141                                    | 131          | Hastings                          | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 274                                    | 261          | Wanganui                          | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 1134                                   | 1076         | Palmerston North/Levin/Dannevirke | 0                 | 0.0%                    | 1                 | 0.1%                    |
| 2040                                   | 1651         | Wellington                        | 2                 | 0.1%                    | 9                 | 0.5%                    |
| 212                                    | 233          | Lower Hutt                        | 2                 | 0.9%                    | 4                 | 1.7%                    |
| 85                                     | 90           | Porirua                           | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 618                                    | 415          | Nelson                            | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 162                                    | 265          | Wairau (Blenheim)                 | 0                 | 0.0%                    | 0                 | 0.0%                    |
| <b>4972</b>                            | <b>4391</b>  | <b>Central</b>                    | <b>4</b>          | <b>0.1%</b>             | <b>14</b>         | <b>0.3%</b>             |
| 125                                    | 83           | Greymouth                         | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 123                                    | 120          | Westport/Buller                   | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 2357                                   | 3111         | Christchurch                      | 1                 | 0.0%                    | 5                 | 0.2%                    |
| 32                                     | 25           | Ashburton                         | 0                 | 0.0%                    | 1                 | 4.0%                    |
| 197                                    | 174          | Timaru                            | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 881                                    | 499          | Dunedin                           | 2                 | 0.2%                    | 0                 | 0.0%                    |
| 604                                    | 551          | Invercargill/Gore/Wyndham         | 0                 | 0.0%                    | 0                 | 0.0%                    |
| <b>4319</b>                            | <b>4563</b>  | <b>South</b>                      | <b>3</b>          | <b>0.1%</b>             | <b>6</b>          | <b>0.1%</b>             |
| <b>20849</b>                           | <b>21644</b> | <b>Total</b>                      | <b>18</b>         | <b>0.1%</b>             | <b>30</b>         | <b>0.1%</b>             |

<sup>1</sup> Total No. of Clinic Visits = total no. of clinic visits for the report period for any reason.

<sup>2</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage.

Note: People seek treatment for STIs from a variety of sources, including sexual health clinics, family planning clinics, student and youth health clinics, and general practitioners. The rates in the table above are for the type of clinic indicated; these rates may not be representative of other types of clinics or the general population.

**Table 2.10: Syphilis - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SHCs**

Quarter 2 2009

|                |                 | Age group (years) |                   |                   |                   |                   |                   |                   |                   | Unk               | Total             |
|----------------|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                |                 | <15               | 15-19             | 20-24             | 25-29             | 30-34             | 35-39             | 40-44             | >44               |                   |                   |
| <b>Males</b>   | European/Pakeha | 0                 | 0                 | 1                 | 2                 | 1                 | 2                 | 0                 | 4                 | 0                 | <b>10</b>         |
|                |                 | 0.0               | 0.0               | 0.1               | 0.2               | 0.1               | 0.3               | 0.0               | 0.4               | 0.0               | <b>0.2</b>        |
|                | Maori           | 0                 | 0                 | 1                 | 0                 | 0                 | 1                 | 0                 | 0                 | 0                 | <b>2</b>          |
|                |                 | 0.0               | 0.0               | 0.3               | 0.0               | 0.0               | 1.0               | 0.0               | 0.0               | -                 | <b>0.2</b>        |
|                | Pacific Peoples | 0                 | 0                 | 0                 | 0                 | 1                 | 1                 | 0                 | 2                 | 0                 | <b>4</b>          |
|                |                 | 0.0               | 0.0               | 0.0               | 0.0               | 1.3               | 2.6               | 0.0               | 5.6               | -                 | <b>0.8</b>        |
|                | Other           | 0                 | 0                 | 0                 | 0                 | 2                 | 1                 | 2                 | 3                 | 0                 | <b>8</b>          |
|                |                 | 0.0               | 0.0               | 0.0               | 0.0               | 1.0               | 0.7               | 2.3               | 2.2               | -                 | <b>0.8</b>        |
| Unknown        | 0               | 0                 | 0                 | 0                 | 0                 | 0                 | 1                 | 0                 | 0                 | <b>1</b>          |                   |
|                | 0.0             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | 3.7               | 0.0               | 0.0               | <b>0.4</b>        |                   |
| <b>Total</b>   |                 | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>2</u></b>   | <b><u>2</u></b>   | <b><u>4</u></b>   | <b><u>5</u></b>   | <b><u>3</u></b>   | <b><u>9</u></b>   | <b><u>0</u></b>   | <b><u>25</u></b>  |
|                |                 | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.1</u></b> | <b><u>0.1</u></b> | <b><u>0.4</u></b> | <b><u>0.5</u></b> | <b><u>0.4</u></b> | <b><u>0.7</u></b> | <b><u>0.0</u></b> | <b><u>0.3</u></b> |
| <b>Females</b> | Maori           | 0                 | 0                 | 0                 | 0                 | 0                 | 1                 | 0                 | 0                 | 0                 | <b>1</b>          |
|                |                 | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | 0.7               | 0.0               | 0.0               | 0.0               | <b>0.0</b>        |
|                | Pacific Peoples | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 1                 | 0                 | <b>1</b>          |
|                |                 | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | 3.3               | -                 | <b>0.2</b>        |
|                | Other           | 0                 | 0                 | 0                 | 0                 | 0                 | 1                 | 0                 | 1                 | 0                 | <b>2</b>          |
|                |                 | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | 1.0               | 0.0               | 0.8               | -                 | <b>0.2</b>        |
|                | Unknown         | 0                 | 0                 | 1                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>1</b>          |
|                | 0.0             | 0.0               | 1.4               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | <b>0.3</b>        |                   |
| <b>Total</b>   |                 | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>1</u></b>   | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>2</u></b>   | <b><u>0</u></b>   | <b><u>2</u></b>   | <b><u>0</u></b>   | <b><u>5</u></b>   |
|                |                 | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.1</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.7</u></b> | <b><u>0.0</u></b> | <b><u>0.7</u></b> | <b><u>0.0</u></b> | <b><u>0.1</u></b> |

<sup>1</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

## NSU (Males Only)

**Table 2.11: NSU (Males Only) – Cases and Clinic Visit Rates by SHC**

Quarter 2

| <u>Total Clinic Visits<sup>1</sup></u> |             |                                   | <u>2008 Total</u> |                         | <u>2009 Total</u> |                         |
|--|-------------|-----------------------------------|-------------------|-------------------------|-------------------|-------------------------|
| <u>2008</u>                            | <u>2009</u> | <u>Clinic</u>                     | <u>No.</u>        | <u>Rate<sup>2</sup></u> | <u>No.</u>        | <u>Rate<sup>2</sup></u> |
| 156                                    | 218         | Whangarei                         | 2                 | 1.3%                    | 0                 | 0.0%                    |
| 2                                      | 3           | Dargaville                        | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 3                                      | 18          | Kaikohe                           | 2                 | 66.7%                   | 0                 | 0.0%                    |
| 2291                                   | 2844        | Auckland                          | 95                | 4.1%                    | 87                | 3.1%                    |
| <b>2452</b>                            | <b>3083</b> | <b>North</b>                      | <b>99</b>         | <b>4.0%</b>             | <b>87</b>         | <b>2.8%</b>             |
| 870                                    | 863         | Hamilton                          | 7                 | 0.8%                    | 8                 | 0.9%                    |
| 414                                    | 502         | Tauranga                          | 14                | 3.4%                    | 17                | 3.4%                    |
| 92                                     | 149         | Rotorua                           | 1                 | 1.1%                    | 0                 | 0.0%                    |
| 49                                     | 75          | Whakatane                         | 0                 | 0.0%                    | 1                 | 1.3%                    |
| 83                                     | 72          | Taupo                             | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 255                                    | 280         | New Plymouth                      | 16                | 6.3%                    | 15                | 5.4%                    |
| 38                                     | 0           | Gisborne                          | 0                 | 0.0%                    | 0                 | 0.0%                    |
| <b>1801</b>                            | <b>1941</b> | <b>Midland</b>                    | <b>38</b>         | <b>2.1%</b>             | <b>41</b>         | <b>2.1%</b>             |
| 62                                     | 50          | Napier                            | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 23                                     | 27          | Hastings                          | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 98                                     | 88          | Wanganui                          | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 513                                    | 433         | Palmerston North/Levin/Dannevirke | 16                | 3.1%                    | 11                | 2.5%                    |
| 1106                                   | 948         | Wellington                        | 11                | 1.0%                    | 11                | 1.2%                    |
| 103                                    | 133         | Lower Hutt                        | 1                 | 1.0%                    | 1                 | 0.8%                    |
| 40                                     | 37          | Porirua                           | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 264                                    | 195         | Nelson                            | 2                 | 0.8%                    | 0                 | 0.0%                    |
| 106                                    | 133         | Wairau (Blenheim)                 | 0                 | 0.0%                    | 0                 | 0.0%                    |
| <b>2315</b>                            | <b>2044</b> | <b>Central</b>                    | <b>30</b>         | <b>1.3%</b>             | <b>23</b>         | <b>1.1%</b>             |
| 47                                     | 36          | Greymouth                         | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 50                                     | 30          | Westport/Buller                   | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 1281                                   | 1543        | Christchurch                      | 16                | 1.2%                    | 8                 | 0.5%                    |
| 20                                     | 14          | Ashburton                         | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 105                                    | 81          | Timaru                            | 0                 | 0.0%                    | 0                 | 0.0%                    |
| 311                                    | 165         | Dunedin                           | 1                 | 0.3%                    | 1                 | 0.6%                    |
| 264                                    | 274         | Invercargill/Gore/Wyndham         | 7                 | 2.7%                    | 5                 | 1.8%                    |
| <b>2078</b>                            | <b>2143</b> | <b>South</b>                      | <b>24</b>         | <b>1.2%</b>             | <b>14</b>         | <b>0.7%</b>             |
| <b>8646</b>                            | <b>9211</b> | <b>Total</b>                      | <b>191</b>        | <b>2.2%</b>             | <b>165</b>        | <b>1.8%</b>             |

<sup>1</sup> Total No. of Clinic Visits = total no. of clinic visits for the report period for any reason.

<sup>2</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage.

Note: People seek treatment for STIs from a variety of sources, including sexual health clinics, family planning clinics, student and youth health clinics, and general practitioners. The rates in the table above are for the type of clinic indicated; these rates may not be representative of other types of clinics or the general population.

**Table 2.12: NSU (Males only) - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SHCs**

Quarter 2 2009

|              |                 | Age group (years) |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|--------------|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|              |                 | <u>&lt;15</u>     | <u>15-19</u>      | <u>20-24</u>      | <u>25-29</u>      | <u>30-34</u>      | <u>35-39</u>      | <u>40-44</u>      | <u>&gt;44</u>     | <u>Unk</u>        | <u>Total</u>      |
| <b>Males</b> | European/Pakeha | 0                 | 7                 | 24                | 25                | 16                | 8                 | 11                | 17                | 0                 | <b>108</b>        |
|              |                 | 0.0               | 1.1               | 1.6               | 2.2               | 2.3               | 1.3               | 2.2               | 1.7               | 0.0               | <b>1.8</b>        |
|              | Maori           | 0                 | 6                 | 10                | 7                 | 1                 | 3                 | 0                 | 1                 | 0                 | <b>28</b>         |
|              |                 | 0.0               | 2.2               | 2.6               | 3.1               | 0.8               | 2.9               | 0.0               | 1.1               | -                 | <b>2.2</b>        |
|              | Pacific Peoples | 0                 | 0                 | 1                 | 3                 | 1                 | 0                 | 2                 | 0                 | 0                 | <b>7</b>          |
|              |                 | 0.0               | 0.0               | 0.8               | 2.9               | 1.3               | 0.0               | 6.5               | 0.0               | -                 | <b>1.5</b>        |
|              | Other           | 0                 | 0                 | 6                 | 4                 | 3                 | 2                 | 1                 | 0                 | 0                 | <b>16</b>         |
|              |                 | 0.0               | 0.0               | 3.1               | 1.5               | 1.5               | 1.4               | 1.1               | 0.0               | -                 | <b>1.5</b>        |
| Unknown      | 0               | 0                 | 0                 | 0                 | 2                 | 1                 | 0                 | 3                 | 0                 | <b>6</b>          |                   |
|              | 0.0             | 0.0               | 0.0               | 0.0               | 7.1               | 3.1               | 0.0               | 3.9               | 0.0               | <b>2.2</b>        |                   |
| <b>Total</b> |                 | <u><b>0</b></u>   | <u><b>13</b></u>  | <u><b>41</b></u>  | <u><b>39</b></u>  | <u><b>23</b></u>  | <u><b>14</b></u>  | <u><b>14</b></u>  | <u><b>21</b></u>  | <u><b>0</b></u>   | <u><b>165</b></u> |
|              |                 | <u><b>0.0</b></u> | <u><b>1.3</b></u> | <u><b>1.8</b></u> | <u><b>2.2</b></u> | <u><b>2.0</b></u> | <u><b>1.5</b></u> | <u><b>2.0</b></u> | <u><b>1.5</b></u> | <u><b>0.0</b></u> | <u><b>1.8</b></u> |

<sup>1</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

# Family Planning Clinic (FPC) Data

## Chlamydia

**Table 3.1: Chlamydia - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at FPCs**

Quarter 2 2009

|                |                 | Age group (years) |            |            |            |            |            |            |            | Unk        | Total       |
|----------------|-----------------|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
|                |                 | <15               | 15-19      | 20-24      | 25-29      | 30-34      | 35-39      | 40-44      | >44        |            |             |
| <b>Males</b>   | European/Pakeha | 0                 | 14         | 46         | 9          | 3          | 0          | 0          | 0          | 0          | <b>72</b>   |
|                |                 | 0.0               | 3.4        | 8.1        | 4.1        | 2.8        | 0.0        | 0.0        | 0.0        | -          | <b>4.5</b>  |
|                | Maori           | 0                 | 12         | 15         | 3          | 1          | 0          | 0          | 0          | 0          | <b>31</b>   |
|                |                 | 0.0               | 8.4        | 11.7       | 8.8        | 4.8        | 0.0        | 0.0        | 0.0        | -          | <b>8.5</b>  |
|                | Pacific Peoples | 0                 | 3          | 13         | 4          | 0          | 0          | 0          | 0          | 0          | <b>20</b>   |
|                |                 | 0.0               | 9.1        | 19.1       | 15.4       | 0.0        | 0.0        | 0.0        | 0.0        | -          | <b>13.6</b> |
|                | Other           | 0                 | 0          | 2          | 1          | 0          | 0          | 0          | 0          | 0          | <b>3</b>    |
|                |                 | 0.0               | 0.0        | 7.1        | 3.7        | 0.0        | 0.0        | 0.0        | 0.0        | -          | <b>2.3</b>  |
| Unknown        | 0               | 4                 | 5          | 5          | 0          | 0          | 0          | 0          | 0          | <b>14</b>  |             |
|                | 0.0             | 6.3               | 6.7        | 10.4       | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | <b>5.4</b> |             |
| <b>Total</b>   |                 | <b>0</b>          | <b>33</b>  | <b>81</b>  | <b>22</b>  | <b>4</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>140</b>  |
|                |                 | <b>0.0</b>        | <b>5.0</b> | <b>9.3</b> | <b>6.2</b> | <b>2.3</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>5.6</b>  |
| <b>Females</b> | European/Pakeha | 0                 | 118        | 214        | 38         | 11         | 6          | 5          | 3          | 0          | <b>395</b>  |
|                |                 | 0.0               | 1.8        | 2.1        | 0.8        | 0.4        | 0.3        | 0.3        | 0.2        | 0.0        | <b>1.3</b>  |
|                | Maori           | 0                 | 91         | 101        | 16         | 11         | 2          | 2          | 2          | 0          | <b>225</b>  |
|                |                 | 0.0               | 4.2        | 4.4        | 1.9        | 2.2        | 0.6        | 0.9        | 1.3        | 0.0        | <b>3.4</b>  |
|                | Pacific Peoples | 0                 | 26         | 40         | 8          | 4          | 1          | 1          | 0          | 0          | <b>80</b>   |
|                |                 | 0.0               | 4.9        | 5.1        | 2.1        | 1.7        | 0.7        | 1.1        | 0.0        | -          | <b>3.6</b>  |
|                | Other           | 0                 | 2          | 11         | 11         | 2          | 1          | 0          | 0          | 0          | <b>27</b>   |
|                |                 | 0.0               | 0.6        | 1.2        | 1.6        | 0.4        | 0.3        | 0.0        | 0.0        | -          | <b>0.8</b>  |
| Unknown        | 0               | 8                 | 15         | 5          | 1          | 0          | 2          | 0          | 0          | <b>31</b>  |             |
|                | 0.0             | 1.5               | 1.9        | 0.9        | 0.3        | 0.0        | 1.0        | 0.0        | 0.0        | <b>1.0</b> |             |
| <b>Total</b>   |                 | <b>0</b>          | <b>245</b> | <b>381</b> | <b>78</b>  | <b>29</b>  | <b>10</b>  | <b>10</b>  | <b>5</b>   | <b>0</b>   | <b>758</b>  |
|                |                 | <b>0.0</b>        | <b>2.4</b> | <b>2.5</b> | <b>1.1</b> | <b>0.7</b> | <b>0.3</b> | <b>0.4</b> | <b>0.2</b> | <b>0.0</b> | <b>1.7</b>  |

<sup>1</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

## Gonorrhoea

**Table 3.2: Gonorrhoea - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at FPCs**

Quarter 2 2009

|                |                 | Age group (years) |            |            |            |            |            |            | Unk        | Total      |            |
|----------------|-----------------|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                |                 | <15               | 15-19      | 20-24      | 25-29      | 30-34      | 35-39      | 40-44      |            |            | >44        |
| <b>Males</b>   | European/Pakeha | 0                 | 0          | 1          | 1          | 0          | 0          | 0          | 0          | 0          | 2          |
|                |                 | 0.0               | 0.0        | 0.2        | 0.5        | 0.0        | 0.0        | 0.0        | 0.0        | -          | 0.1        |
|                | Maori           | 0                 | 1          | 2          | 0          | 0          | 0          | 0          | 0          | 0          | 3          |
|                |                 | 0.0               | 0.7        | 1.6        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | -          | 0.8        |
|                | Pacific Peoples | 0                 | 0          | 2          | 1          | 0          | 0          | 0          | 0          | 0          | 3          |
|                | 0.0             | 0.0               | 2.9        | 3.8        | 0.0        | 0.0        | 0.0        | 0.0        | -          | 2.0        |            |
| <b>Total</b>   |                 | <b>0</b>          | <b>1</b>   | <b>5</b>   | <b>2</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>8</b>   |
|                |                 | <b>0.0</b>        | <b>0.2</b> | <b>0.7</b> | <b>0.7</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.4</b> |
| <b>Females</b> | European/Pakeha | 0                 | 3          | 6          | 1          | 1          | 0          | 1          | 0          | 0          | 12         |
|                |                 | 0.0               | 0.0        | 0.1        | 0.0        | 0.0        | 0.0        | 0.1        | 0.0        | 0.0        | 0.0        |
|                | Maori           | 0                 | 4          | 10         | 1          | 1          | 1          | 0          | 0          | 0          | 17         |
|                |                 | 0.0               | 0.2        | 0.4        | 0.1        | 0.2        | 0.3        | 0.0        | 0.0        | 0.0        | 0.3        |
|                | Pacific Peoples | 0                 | 3          | 3          | 0          | 2          | 0          | 0          | 0          | 0          | 8          |
|                |                 | 0.0               | 0.6        | 0.4        | 0.0        | 0.8        | 0.0        | 0.0        | 0.0        | -          | 0.4        |
|                | Unknown         | 0                 | 1          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 2          |
|                | 0.0             | 0.2               | 0.0        | 0.0        | 0.3        | 0.0        | 0.0        | 0.0        | 0.0        | 0.1        |            |
| <b>Total</b>   |                 | <b>0</b>          | <b>11</b>  | <b>19</b>  | <b>2</b>   | <b>5</b>   | <b>1</b>   | <b>1</b>   | <b>0</b>   | <b>0</b>   | <b>39</b>  |
|                |                 | <b>0.0</b>        | <b>0.1</b> | <b>0.1</b> | <b>0.0</b> | <b>0.1</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.1</b> |

<sup>1</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

## Genital Herpes (First presentation)

**Table 3.3: Genital Herpes - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at FPCs**

Quarter 2 2009

|                |                 | Age group (years) |            |            |            |            |            |            |            |            |            |
|----------------|-----------------|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                |                 | <15               | 15-19      | 20-24      | 25-29      | 30-34      | 35-39      | 40-44      | >44        | Unk        | Total      |
| <b>Males</b>   | European/Pakeha | 0                 | 1          | 2          | 1          | 0          | 0          | 0          | 0          | 0          | 4          |
|                |                 | 0.0               | 0.2        | 0.4        | 0.5        | 0.0        | 0.0        | 0.0        | 0.0        | -          | 0.3        |
|                | Other           | 0                 | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 1          |
|                |                 | 0.0               | 0.0        | 0.0        | 3.7        | 0.0        | 0.0        | 0.0        | 0.0        | -          | 0.8        |
|                | Unknown         | 0                 | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 1          |
|                | 0.0             | 0.0               | 1.3        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.4        |            |
| <b>Total</b>   |                 | <b>0</b>          | <b>1</b>   | <b>3</b>   | <b>2</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>6</b>   |
|                |                 | <b>0.0</b>        | <b>0.2</b> | <b>0.4</b> | <b>0.7</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.3</b> |
| <b>Females</b> | European/Pakeha | 0                 | 16         | 13         | 4          | 0          | 1          | 2          | 1          | 0          | 37         |
|                |                 | 0.0               | 0.2        | 0.1        | 0.1        | 0.0        | 0.0        | 0.1        | 0.1        | 0.0        | 0.1        |
|                | Maori           | 0                 | 2          | 1          | 0          | 1          | 1          | 0          | 0          | 0          | 5          |
|                |                 | 0.0               | 0.1        | 0.0        | 0.0        | 0.2        | 0.3        | 0.0        | 0.0        | 0.0        | 0.1        |
|                | Pacific Peoples | 0                 | 0          | 0          | 0          | 2          | 0          | 0          | 0          | 0          | 2          |
|                |                 | 0.0               | 0.0        | 0.0        | 0.0        | 0.8        | 0.0        | 0.0        | 0.0        | -          | 0.1        |
|                | Other           | 0                 | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 1          |
|                |                 | 0.0               | 0.0        | 0.0        | 0.0        | 0.2        | 0.0        | 0.0        | 0.0        | -          | 0.0        |
| Unknown        | 0               | 0                 | 0          | 1          | 1          | 0          | 0          | 0          | 0          | 2          |            |
|                | 0.0             | 0.0               | 0.0        | 0.2        | 0.3        | 0.0        | 0.0        | 0.0        | 0.0        | 0.1        |            |
| <b>Total</b>   |                 | <b>0</b>          | <b>18</b>  | <b>14</b>  | <b>5</b>   | <b>5</b>   | <b>2</b>   | <b>2</b>   | <b>1</b>   | <b>0</b>   | <b>47</b>  |
|                |                 | <b>0.0</b>        | <b>0.2</b> | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> | <b>0.0</b> | <b>0.0</b> | <b>0.1</b> |

<sup>1</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage



## Genital Warts (First presentation)

**Table 3.4: Genital Warts - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at FPCs**

Quarter 2 2009

|                |                 | Age group (years) |            |            |            |            |            |            |            |            |            |
|----------------|-----------------|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                |                 | <15               | 15-19      | 20-24      | 25-29      | 30-34      | 35-39      | 40-44      | >44        | Unk        | Total      |
| <b>Males</b>   | European/Pakeha | 0                 | 0          | 12         | 7          | 0          | 2          | 0          | 0          | 0          | 21         |
|                |                 | 0.0               | 0.0        | 2.1        | 3.2        | 0.0        | 1.8        | 0.0        | 0.0        | -          | 1.3        |
|                | Maori           | 0                 | 2          | 4          | 1          | 0          | 0          | 0          | 0          | 0          | 7          |
|                |                 | 0.0               | 1.4        | 3.1        | 2.9        | 0.0        | 0.0        | 0.0        | 0.0        | -          | 1.9        |
|                | Other           | 0                 | 0          | 1          | 1          | 0          | 0          | 0          | 0          | 0          | 2          |
|                |                 | 0.0               | 0.0        | 3.6        | 3.7        | 0.0        | 0.0        | 0.0        | 0.0        | -          | 1.6        |
|                | Unknown         | 0                 | 0          | 3          | 1          | 0          | 0          | 0          | 0          | 0          | 4          |
|                | 0.0             | 0.0               | 4.0        | 2.1        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 1.6        |            |
|                | <b>Total</b>    | <b>0</b>          | <b>2</b>   | <b>20</b>  | <b>10</b>  | <b>0</b>   | <b>2</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>34</b>  |
|                |                 | <b>0.0</b>        | <b>0.3</b> | <b>2.5</b> | <b>3.0</b> | <b>0.0</b> | <b>1.2</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>1.5</b> |
| <b>Females</b> | European/Pakeha | 0                 | 20         | 30         | 10         | 2          | 0          | 4          | 0          | 0          | 66         |
|                |                 | 0.0               | 0.3        | 0.3        | 0.2        | 0.1        | 0.0        | 0.3        | 0.0        | 0.0        | 0.2        |
|                | Maori           | 0                 | 8          | 8          | 0          | 1          | 0          | 0          | 0          | 0          | 17         |
|                |                 | 0.0               | 0.4        | 0.3        | 0.0        | 0.2        | 0.0        | 0.0        | 0.0        | 0.0        | 0.3        |
|                | Pacific Peoples | 0                 | 1          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 2          |
|                |                 | 0.0               | 0.2        | 0.1        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | -          | 0.1        |
|                | Other           | 0                 | 1          | 4          | 1          | 0          | 1          | 0          | 0          | 0          | 7          |
|                | 0.0             | 0.3               | 0.4        | 0.1        | 0.0        | 0.3        | 0.0        | 0.0        | -          | 0.2        |            |
| Unknown        | 0               | 0                 | 2          | 1          | 0          | 0          | 0          | 0          | 0          | 3          |            |
|                | 0.0             | 0.0               | 0.3        | 0.2        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.1        |            |
|                | <b>Total</b>    | <b>0</b>          | <b>30</b>  | <b>45</b>  | <b>12</b>  | <b>3</b>   | <b>1</b>   | <b>4</b>   | <b>0</b>   | <b>0</b>   | <b>95</b>  |
|                |                 | <b>0.0</b>        | <b>0.3</b> | <b>0.3</b> | <b>0.2</b> | <b>0.1</b> | <b>0.0</b> | <b>0.2</b> | <b>0.0</b> | <b>0.0</b> | <b>0.2</b> |

<sup>1</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

## Student & Youth Health Clinic (SYHC) Data

### Chlamydia

**Table 4.1: Chlamydia - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SYHCs**

Quarter 2 2009

|                |                 | Age group (years) |                   |                   |                   |                   |                   |                   |                   | Unk               | Total             |
|----------------|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                |                 | <15               | 15-19             | 20-24             | 25-29             | 30-34             | 35-39             | 40-44             | >44               |                   |                   |
| <b>Males</b>   | European/Pakeha | 0                 | 10                | 23                | 4                 | 0                 | 0                 | 1                 | 0                 | 0                 | <b>38</b>         |
|                |                 | 0.0               | 0.5               | 0.6               | 0.5               | 0.0               | 0.0               | 1.0               | 0.0               | -                 | <b>0.5</b>        |
|                | Maori           | 0                 | 6                 | 11                | 2                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>19</b>         |
|                |                 | 0.0               | 2.9               | 2.3               | 2.0               | 0.0               | 0.0               | 0.0               | 0.0               | -                 | <b>1.8</b>        |
|                | Pacific Peoples | 0                 | 0                 | 4                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>4</b>          |
|                |                 | 0.0               | 0.0               | 2.5               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | -                 | <b>1.1</b>        |
|                | Other           | 0                 | 2                 | 4                 | 2                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>8</b>          |
|                |                 | 0.0               | 0.3               | 0.2               | 0.2               | 0.0               | 0.0               | 0.0               | 0.0               | -                 | <b>0.2</b>        |
| Unknown        | 0               | 2                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>2</b>          |                   |
|                | 0.0             | 1.8               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | <b>0.0</b>        |                   |
| <b>Total</b>   |                 | <b><u>0</u></b>   | <b><u>20</u></b>  | <b><u>42</u></b>  | <b><u>8</u></b>   | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>1</u></b>   | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>71</u></b>  |
|                |                 | <b><u>0.0</u></b> | <b><u>0.6</u></b> | <b><u>0.7</u></b> | <b><u>0.4</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.3</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.3</u></b> |
| <b>Females</b> | European/Pakeha | 1                 | 75                | 52                | 6                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>134</b>        |
|                |                 | 0.9               | 1.1               | 0.5               | 0.3               | 0.0               | 0.0               | 0.0               | 0.0               | -                 | <b>0.7</b>        |
|                | Maori           | 4                 | 26                | 16                | 0                 | 1                 | 1                 | 0                 | 0                 | 0                 | <b>48</b>         |
|                |                 | 23.5              | 3.1               | 1.4               | 0.0               | 0.6               | 1.0               | 0.0               | 0.0               | -                 | <b>1.7</b>        |
|                | Pacific Peoples | 0                 | 0                 | 7                 | 1                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>8</b>          |
|                |                 | 0.0               | 0.0               | 1.7               | 1.1               | 0.0               | 0.0               | 0.0               | 0.0               | -                 | <b>0.9</b>        |
|                | Other           | 0                 | 3                 | 3                 | 0                 | 0                 | 0                 | 1                 | 0                 | 0                 | <b>7</b>          |
|                |                 | 0.0               | 0.2               | 0.1               | 0.0               | 0.0               | 0.0               | 0.7               | 0.0               | -                 | <b>0.1</b>        |
| Unknown        | 0               | 1                 | 1                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>2</b>          |                   |
|                | 0.0             | 0.5               | 0.3               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | <b>0.0</b>        |                   |
| <b>Total</b>   |                 | <b><u>5</u></b>   | <b><u>105</u></b> | <b><u>79</u></b>  | <b><u>7</u></b>   | <b><u>1</u></b>   | <b><u>1</u></b>   | <b><u>1</u></b>   | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>199</u></b> |
|                |                 | <b><u>2.6</u></b> | <b><u>1.1</u></b> | <b><u>0.5</u></b> | <b><u>0.2</u></b> | <b><u>0.1</u></b> | <b><u>0.1</u></b> | <b><u>0.2</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.4</u></b> |

<sup>1</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

## Gonorrhoea

**Table 4.2: Gonorrhoea - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SYHCs**

Quarter 2 2009

|                |                 | Age group (years) |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|----------------|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                |                 | <u>&lt;15</u>     | <u>15-19</u>      | <u>20-24</u>      | <u>25-29</u>      | <u>30-34</u>      | <u>35-39</u>      | <u>40-44</u>      | <u>&gt;44</u>     | <u>Unk</u>        | <u>Total</u>      |
| <b>Males</b>   | European/Pakeha | 0                 | 2                 | 1                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>3</b>          |
|                |                 | 0.0               | 0.1               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | -                 | <b>0.0</b>        |
|                | Maori           | 1                 | 2                 | 2                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>5</b>          |
|                |                 | 4.3               | 1.0               | 0.4               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | -                 | <b>0.5</b>        |
|                | Pacific Peoples | 0                 | 0                 | 0                 | 1                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>1</b>          |
|                |                 | 0.0               | 0.0               | 0.0               | 2.1               | 0.0               | 0.0               | 0.0               | 0.0               | -                 | <b>0.3</b>        |
|                | Other           | 0                 | 1                 | 1                 | 1                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>3</b>          |
|                |                 | 0.0               | 0.2               | 0.1               | 0.1               | 0.0               | 0.0               | 0.0               | 0.0               | -                 | <b>0.1</b>        |
| Unknown        | 0               | 1                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>1</b>          |                   |
|                | 0.0             | 0.9               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | <b>0.0</b>        |                   |
| <b>Total</b>   |                 | <b><u>1</u></b>   | <b><u>6</u></b>   | <b><u>4</u></b>   | <b><u>2</u></b>   | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>13</u></b>  |
|                |                 | <b><u>0.7</u></b> | <b><u>0.2</u></b> | <b><u>0.1</u></b> | <b><u>0.1</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.1</u></b> |
| <b>Females</b> | European/Pakeha | 0                 | 6                 | 1                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>7</b>          |
|                |                 | 0.0               | 0.1               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | -                 | <b>0.0</b>        |
|                | Maori           | 0                 | 1                 | 2                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>3</b>          |
|                |                 | 0.0               | 0.1               | 0.2               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | -                 | <b>0.1</b>        |
|                | Other           | 0                 | 1                 | 1                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>2</b>          |
|                |                 | 0.0               | 0.1               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | -                 | <b>0.0</b>        |
| <b>Total</b>   |                 | <b><u>0</u></b>   | <b><u>8</u></b>   | <b><u>4</u></b>   | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>12</u></b>  |
|                |                 | <b><u>0.0</u></b> | <b><u>0.1</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> |

<sup>1</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

## Genital Herpes (First presentation)

**Table 4.3: Genital Herpes - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SYHCs**

Quarter 2 2009

|                |                 | Age group (years) |            |            |            |            |            |            |            |            |            |
|----------------|-----------------|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                |                 | <15               | 15-19      | 20-24      | 25-29      | 30-34      | 35-39      | 40-44      | >44        | Unk        | Total      |
| <b>Males</b>   | European/Pakeha | 0                 | 1          | 3          | 1          | 0          | 0          | 1          | 0          | 0          | <b>6</b>   |
|                |                 | 0.0               | 0.0        | 0.1        | 0.1        | 0.0        | 0.0        | 1.0        | 0.0        | -          | <b>0.1</b> |
|                | Maori           | 0                 | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | <b>1</b>   |
|                |                 | 0.0               | 0.5        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | -          | <b>0.1</b> |
|                | Unknown         | 0                 | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | <b>1</b>   |
|                | 0.0             | 0.9               | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | <b>0.0</b> |            |
| <b>Total</b>   |                 | <b>0</b>          | <b>3</b>   | <b>3</b>   | <b>1</b>   | <b>0</b>   | <b>0</b>   | <b>1</b>   | <b>0</b>   | <b>0</b>   | <b>8</b>   |
|                |                 | <b>0.0</b>        | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> | <b>0.0</b> | <b>0.0</b> | <b>0.6</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> |
| <b>Females</b> | European/Pakeha | 0                 | 6          | 9          | 1          | 0          | 0          | 0          | 0          | 0          | <b>16</b>  |
|                |                 | 0.0               | 0.1        | 0.1        | 0.1        | 0.0        | 0.0        | 0.0        | 0.0        | -          | <b>0.1</b> |
|                | Maori           | 0                 | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | <b>1</b>   |
|                |                 | 0.0               | 0.1        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | -          | <b>0.0</b> |
|                | Other           | 0                 | 0          | 3          | 0          | 0          | 0          | 0          | 0          | 0          | <b>3</b>   |
|                |                 | 0.0               | 0.0        | 0.1        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | -          | <b>0.0</b> |
| Unknown        | 0               | 0                 | 1          | 0          | 0          | 0          | 0          | 0          | 0          | <b>1</b>   |            |
|                | 0.0             | 0.0               | 0.3        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | <b>0.0</b> |            |
| <b>Total</b>   |                 | <b>0</b>          | <b>7</b>   | <b>13</b>  | <b>1</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>21</b>  |
|                |                 | <b>0.0</b>        | <b>0.1</b> | <b>0.1</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> |

<sup>1</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

## Genital Warts (first presentation)

**Table 4.4: Genital Warts – Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SYHCs**

Quarter 2 2009

|                |                 | Age group (years) |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|----------------|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                |                 | <u>&lt;15</u>     | <u>15-19</u>      | <u>20-24</u>      | <u>25-29</u>      | <u>30-34</u>      | <u>35-39</u>      | <u>40-44</u>      | <u>&gt;44</u>     | <u>Unk</u>        | <u>Total</u>      |
| <b>Males</b>   | European/Pakeha | 0                 | 3                 | 12                | 0                 | 1                 | 0                 | 0                 | 0                 | 0                 | <b>16</b>         |
|                |                 | 0.0               | 0.1               | 0.3               | 0.0               | 0.4               | 0.0               | 0.0               | 0.0               | -                 | <b>0.2</b>        |
|                | Maori           | 0                 | 1                 | 2                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>3</b>          |
|                |                 | 0.0               | 0.5               | 0.4               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | -                 | <b>0.3</b>        |
|                | Other           | 0                 | 0                 | 0                 | 1                 | 1                 | 0                 | 0                 | 0                 | 0                 | <b>2</b>          |
|                |                 | 0.0               | 0.0               | 0.0               | 0.1               | 0.3               | 0.0               | 0.0               | 0.0               | -                 | <b>0.0</b>        |
|                | Unknown         | 0                 | 0                 | 1                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>1</b>          |
|                |                 | 0.0               | 0.0               | 0.5               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | <b>0.0</b>        |
|                | <b>Total</b>    | <b><u>0</u></b>   | <b><u>4</u></b>   | <b><u>15</u></b>  | <b><u>1</u></b>   | <b><u>2</u></b>   | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>22</u></b>  |
|                |                 | <b><u>0.0</u></b> | <b><u>0.1</u></b> | <b><u>0.2</u></b> | <b><u>0.1</u></b> | <b><u>0.3</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.1</u></b> |
| <b>Females</b> | European/Pakeha | 0                 | 15                | 18                | 1                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>34</b>         |
|                |                 | 0.0               | 0.2               | 0.2               | 0.1               | 0.0               | 0.0               | 0.0               | 0.0               | -                 | <b>0.2</b>        |
|                | Maori           | 0                 | 5                 | 0                 | 1                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>6</b>          |
|                |                 | 0.0               | 0.6               | 0.0               | 0.4               | 0.0               | 0.0               | 0.0               | 0.0               | -                 | <b>0.2</b>        |
|                | Other           | 0                 | 2                 | 3                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | <b>5</b>          |
|                |                 | 0.0               | 0.1               | 0.1               | 0.0               | 0.0               | 0.0               | 0.0               | 0.0               | -                 | <b>0.1</b>        |
|                | <b>Total</b>    | <b><u>0</u></b>   | <b><u>22</u></b>  | <b><u>21</u></b>  | <b><u>2</u></b>   | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>0</u></b>   | <b><u>45</u></b>  |
|                |                 | <b><u>0.0</u></b> | <b><u>0.2</u></b> | <b><u>0.1</u></b> | <b><u>0.1</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.0</u></b> | <b><u>0.1</u></b> |

<sup>1</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

## Appendix: STI Surveillance Case Definitions

|   |   |
|---|---|
| <b>Chlamydia</b>                                  | <p><i>Confirmed</i> Laboratory detection of <i>Chlamydia trachomatis</i> in a clinical specimen. Cases should be classified as:</p> <ol style="list-style-type: none"> <li>1. uncomplicated infection of the lower anogenital* tract<br/>* Includes urogenital and anorectal infection.</li> <li>2. PID (pelvic inflammatory disease) or epididymitis</li> <li>3. infection of another site (eg, eye or pharynx)</li> </ol> <p><i>Probable</i> Cases must be <u>all</u> of the following:</p> <ul style="list-style-type: none"> <li>• symptomatic, <b>and</b></li> <li>• a contact of a confirmed case, <b>and</b></li> <li>• non-laboratory confirmed (test negative or test not done).</li> </ul>  |
| <b>Gonorrhoea</b>                                 | <p><i>Confirmed</i> Laboratory isolation of <i>Neisseria gonorrhoeae</i> from a clinical specimen. Cases should be classified as:</p> <ol style="list-style-type: none"> <li>1. uncomplicated infection of one or both of the following: <ol style="list-style-type: none"> <li>a. urogenital tract</li> <li>b. anorectal area (proctitis)</li> </ol> </li> <li>2. PID (pelvic inflammatory disease) or epididymitis</li> <li>3. extra-genital infection of one or both of the following: <ol style="list-style-type: none"> <li>a. pharynx</li> <li>b. other site not listed</li> </ol> </li> </ol> <p><i>Probable</i> Cases must be <u>all</u> of the following:</p> <ul style="list-style-type: none"> <li>• symptomatic, <b>and</b></li> <li>• a contact of a confirmed case, <b>and</b></li> <li>• non-laboratory confirmed (test negative or test not done).</li> </ul> |
| <b>Anogenital Herpes</b>                          | <p>First diagnosis for the person at your clinic, with either</p> <ol style="list-style-type: none"> <li>1. laboratory detection of herpes simplex virus (HSV) from a clinical specimen,</li> </ol> <p><b>or</b></p> <ol style="list-style-type: none"> <li>2. a clinically compatible illness in the lower anogenital and buttock area (syphilis should be considered as a cause of genital ulceration)</li> </ol>   |
| <b>Anogenital Warts</b>                           | <p>First diagnosis for the person at your clinic, with <u>visible</u>* typical lesion(s) on internal or external genitalia, perineum, or perianal region.</p> <p>* Do not include persons for whom there is <u>only</u> demonstration of human papillomavirus (HPV) on cervical cytology or other laboratory method.</p>  |
| <b>Syphilis</b>                                   | <p>Infectious syphilis (primary, secondary, and early latent) as diagnosed or confirmed by a venereologist, and early congenital syphilis as diagnosed or confirmed by a paediatrician or venereologist.</p>  |
| <b>Non-Specific Urethritis (NSU) (males only)</b> | <p>Urethral discharge in a sexually active male with laboratory exclusion of gonorrhoea and chlamydia, who does not meet the definition of a probable case of gonorrhoea or chlamydia.</p>  |
| <b>Chancroid</b>                                  | <p><i>Confirmed</i> Isolation of <i>Haemophilus ducreyi</i> from a clinical specimen.</p> <p><i>Probable</i> Typical 'shoal of fish' pattern on gram stain of a clinical specimen, where syphilis, granuloma inguinale (GI) and anogenital herpes have been excluded,</p> <p><b>or</b></p> <p>A clinically compatible illness in a patient who is a contact of a confirmed case.</p>  |
| <b>Granuloma inguinale (GI)</b>                   | <p><i>Confirmed</i> Demonstration of intracytoplasmic Donovan bodies on Wright or Giemsa stained smears or biopsies of clinical specimens.</p> <p><i>Probable</i> A clinically compatible illness in a patient who is a contact of a confirmed case.</p>  |
| <b>Lymphogranuloma venereum (LGV)</b>             | <p><i>Confirmed</i> Laboratory detection of <i>Chlamydia trachomatis</i> serotype L<sub>1</sub>, L<sub>2</sub> or L<sub>3</sub> from a clinical specimen.</p> <p><i>Probable</i> A clinically compatible illness with complement fixation titre of &gt; 64 and other causes of ulcerations excluded,</p> <p><b>or</b></p> <p>A clinically compatible illness in a person who is a contact of a confirmed case.</p>  |